

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,998,238 B2  
APPLICATION NO. : 09/557823  
DATED : February 14, 2006  
INVENTOR(S) : Bucala et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 8, "which is continuation-in-part" should read --which is a continuation-in-part--.

Column 2, line 36, "cytok-ine" should read --cyto-kine--.

Column 4, line 41, "endot-oxin" should read --endo-toxin--.

Column 5, line 23, after "(mmif)" insert --(SEQ ID NO:1)-- and after "(hmif)" insert --(SEQ ID NO:2)--; line 27, after "MIF" insert --(SEQ ID NO:3)--; line 29, after "pituitary MIF" insert --(SEQ ID NO:4)-- and after "T-cell MIF" insert --(SEQ ID NO:5)--.

Column 6, line 25, "CDNA" should read --cDNA--; line 51, "macroph-ages" should read --macro-phages--.

Column 10, line 12, "Applicant's" should read --Applicants--; line 59, "CDNA" should read --cDNA--.

Column 14, line 53, after "AKKGAVGGI" insert --(SEQ ID NO:6)--; line 57, after "I-X-HNTVATEI(S)(G)YN(N/G)A(M)" insert --(SEQ ID NO:7)--.

Column 15, line 8, "CDNA" should read --cDNA--.

Column 16, line 40, "peptides" should read --peptides'--; line 67, after "FIG. 2" insert --(SEQ ID NOS: 1 and 2)--.

Column 17, line 25, "ph" should read --pH--.

Column 18, line 45, "adeno-virus" should read --adenovirus--; line 47, "CHO/dhfr" should read --CHO/DHFR--.

Column 22, line 53, "deoxy-nucleotides" should read --deoxynucleotides--.

Column 23, line 48, "Hanks's" should read --Hanks'--.

Column 26, line 61, "CC<sub>2</sub>" should read --CO<sub>2</sub>--.

Column 27, line 24, after "CAC-3'" insert --(SEQ ID NO:8)--; line 25, after "5')" insert --(SEQ ID NO:9)--.

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Column 30, line 6, "Co<sub>2</sub>" should read --CO<sub>2</sub>--; line 60, "used" should read --use--.

Column 31, line 24, after "(FIG. 3)" insert --(SEQ ID NO:3)--; line 31, the word "HUMIF" should read --HuMIF--; line 50, "CDNA" should read --cDNA--.

Column 32, line 4, "Coli" should read --coli--; line 15, "CDNA" should read --cDNA--.

Column 34, line 21, insert space between "separateexperiments" should read --separate experiments--.

Column 35, line 15, "nitrile" should read --nitrite--.

Column 37, line 57, "0111:84" should read --0111:B4--; line 64, "011.B" should read --0111:B4--.

Column 39, line 13, "agter" should read --after--.

Column 40, line 20, "BALB/C" should read --BALB/c--.

Column 42, line 52, insert --(SEQ ID NO:10)-- after "5'-CCATGCCTATGTTTCATCGTG-3'"; line 53, "3'-GA-ACGCGGTGCGGTAGTG-5'" should read --3'-GAACAGCGGTGCAGGTAAGTG-5' (SEQ ID NO:11)--; line 57, "5'-CCTGGTCA-GAGTTTAA-3'" should read --5'-CCTGGTCGCA-GAGTTTAA-3' (SEQ ID NO:12)--; line 58, "3'-TCTGTTCCCTGCAAGACC-5'" should read --3'-TCTGTTCCCTGCAAGACC-5' (SEQ ID NO:13)--; line 59, "5'-GTGGGCCGCTCTGGCACCA-3'" should read --5'-GTGGGCCGCTCTAGGCACCA-3' (SEQ ID NO:14)--; line 60, after "3-TGGCCTTAGGGTTCAGGGGG-5'" insert --(SEQ ID NO:15)--.

Column 45, line 30, "Cytonkines" should read --Cytokines--.

Column 47, line 13, "5'-GCGGAGTCCGGGCGGGTCTA-3'" should read --5'-GCGGAGTCCGGGCAGGTCTA-3' (SEQ ID NO:16)--; line 14, insert --(SEQ ID NO:17)-- after "3'-GGGGGGCTGGCTCTGTGAGG-5'"

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Column 50, line 55, "chloronaphtol/H<sub>2</sub>O<sub>2</sub>" should read  
-- chloronaphthol/H<sub>2</sub>O<sub>2</sub>--.

Column 52, line 2, "homongenized" should read --homogenized--.

Column 53, line 44, after "Tyr-Asn-(Asn/Gly)-(Ala)-(Met)" insert --(SEQ ID NO:7)--; line 50, after "Ala-Lys-Lys-Gly-Ala-Val-Gly-Gly-Ile" insert --(SEQ ID NO:6)--.

Column 55, line 46, "Elisa" should read --ELISA--.

Column 66, lines 43, 45 and 50, "diagnostic" should be deleted.

Signed and Sealed this

Third Day of July, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*